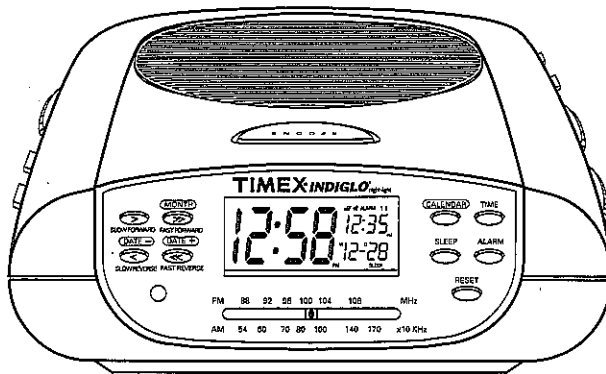




Model T433  
**FM/AM Dual Alarm  
 Calendar Clock Radio with  
 INDIGLO® night-light**



**CAUTION**

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN.**

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



This symbol is intended to alert the user of the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

The symbols above are located on the bottom of the unit.

This device complies with Part 15 of the Federal Communications Commission Rules. Operation is subject to the condition that this device does not cause harmful interference.

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## A Consumer Guide to Product Safety

This unit has been designed and manufactured to assure your personal safety. Improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use. Keep these instructions handy for future reference. Take special note, and adhere to all warnings on the unit and in the instruction and service manual.

1. **Water and Moisture** - The unit should not be used near water. For example, near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
2. **Ventilation** -The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug, or similar surface that may block ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
3. **Heat** - The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
4. **Power Sources** - The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
5. **Grounding or Polarization** - This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
6. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles and the point at which they exit from the unit.
7. **Cleaning** - The unit should be cleaned only as recommended by the manufacturer.
8. **Nonuse Periods** -The power cord of the unit should be unplugged from the outlet when it is to be left unused for a long period of time.
9. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. **Damage Requiring Service** - The unit should be serviced by qualified service personnel when:
  - A. The power-supply cord or plug has been damaged.
  - B. Objects have fallen into or liquid has been spilled into the enclosure.
  - C. The unit has been exposed to rain.
  - D. The unit has been dropped or the enclosure damaged.
  - E. The unit does not appear to operate normally or exhibits a marked change in performance.
11. **Servicing** - The user should not attempt to service the unit beyond that described in the user's operating instructions. All other servicing should be referred to qualified service personnel.
12. If you have any questions, call SDI Technologies Inc., Timex Audio Products Division Customer Service, 1-800-886-4491.
13. **Antenna** - Do not connect to an external antenna.

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## Installation and Maintenance

1. Place the unit on a level surface away from sources of direct sunlight or excessive heat.

**Note: Protect your furniture when placing your unit on a natural oil or lacquered finish. A cloth or other protective material should be placed between the unit and the furniture.**

2. Install 2 "AA" batteries. Refer to "Battery Back-up System", page 5.
3. Fully extend the FM wire antenna.

**Note:** Do not connect the FM wire antenna to an external antenna.

4. Plug AC line cord into wall outlet.

**Note:** If the contents of the LCD display is not complete when power is applied for the first time, unplug the unit from the wall outlet and remove the batteries, if already installed. Reinstall the batteries and reconnect the unit.

5. Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents can mar the surface of the case.

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## Indiglo® night-light Operation

Your unit features an Indiglo® night-light to assist you in reading the time in a darkened room.

1. **Brightness Control** - Adjust brightness of clock display, as desired, when room is darkened.

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## Power Failure Indication

When AC power is interrupted, and optional batteries are **not** installed, the time, alarm and calendar settings will change. After AC power is restored the LCD display will return to its initial indications (i.e. 12:00 for alarm time, 1-1 for month and day etc.) to indicate that power was interrupted and you must reset the time, alarm and calendar settings. To prevent this see "Battery Back-up System."

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## Battery Back-Up System

This clock radio is equipped with a back up system that is powered by two customer-installed "AA" alkaline batteries (not included). The backup circuit will not operate unless batteries are installed.

When normal household current is interrupted, or the AC line cord is unplugged, the batteries power the clock to keep track of time, alarm and calendar settings. Should wake-up time occur during the power interruption, the alarm will sound for 2 minutes, if remaining battery power is adequate. If Snooze is pressed during the 2-minute alarm time period, the alarm will go off and come on again in approximately 9 minutes. Normal operation will resume after AC power is restored so you will not have to reset time, alarm or calendar settings.

**Note:** The display will remain lit during battery back-up when batteries are fresh. The display will gradually fade as the batteries weaken.

Install batteries as follows:

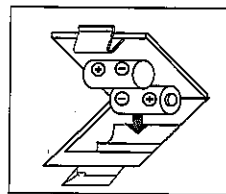
1. Open the battery compartment door located on the bottom of the radio.

2. Insert 2 "AA" alkaline batteries making sure the polarity is correct as shown in the compartment.

**Note:** Alkaline batteries are recommended for longer life.

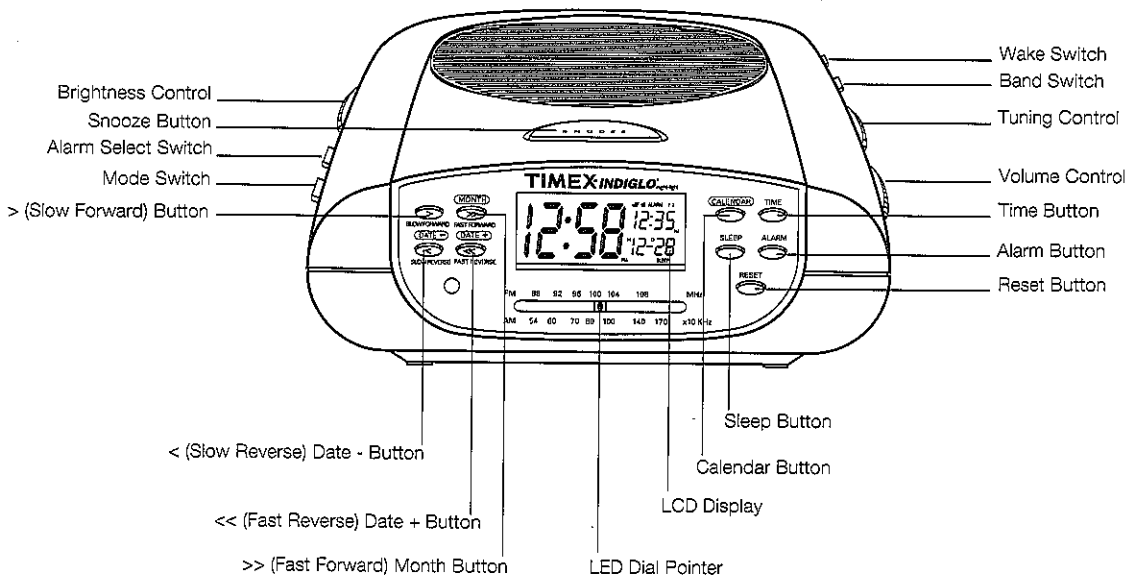
3. Close the compartment door.

**Important:** Remove batteries when storing the clock radio. The batteries will be drained if left connected when the unit is unplugged, and worn out batteries may leak chemicals which can badly damage the clock radio. Dispose of batteries in the proper manner, according to your state and local regulations.



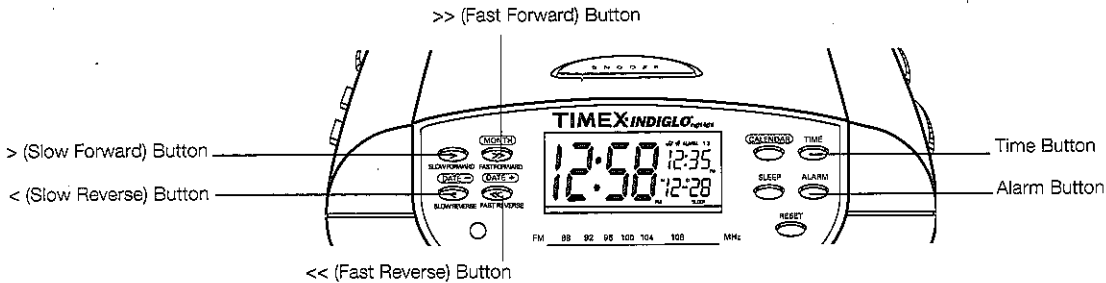
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## Features



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## Setting Clock and Alarm Time



### Setting Clock Time

1. Press the Time and >> buttons to rapidly advance the time forward or the Time and << buttons to rapidly change the time backward until the approximate correct time is displayed. PM is indicated to the right of the time on the display.
2. Press the Time and > or < buttons until the correct time is displayed.

### Setting Alarm Time

1. Set the Alarm selector switch to ALM1 or ALM2 as desired.

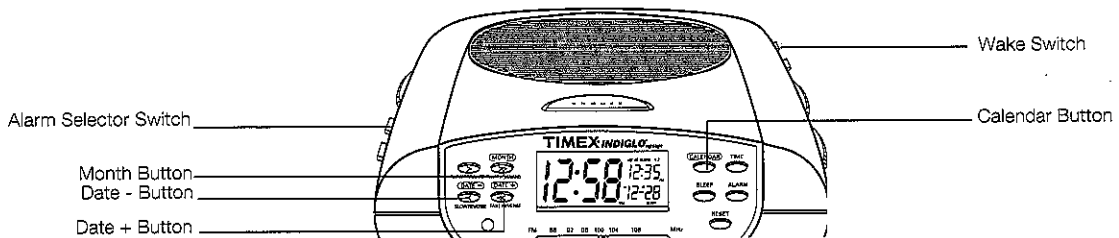
2. Press the Alarm and >> buttons to rapidly advance the time forward or the Alarm and << buttons to rapidly change the time backward until the approximate desired alarm time is displayed. PM is indicated to the right of the alarm time on the display.
3. Press the Alarm and > or < buttons until the desired alarm time is displayed.
4. Repeat steps 1-3 to set the second alarm time.

### Note:

- Alarm time cannot be set if the selector switch is in the Alarm 1+2 position.

## Setting Calendar

## Selecting Alarm Time(s)



### Setting the Calendar

1. Press the Calendar button, then the Month button until the correct month digit is displayed.
2. Press the Calendar button, then the Date + or Date - Buttons until the correct date is displayed.

### Notes:

- Each alarm has a different tone to identify which alarm is sounding.
- At the selected wake up time an electronic alarm tone will sound. It will increase in frequency to wake you up gradually. This Gentle Wake System does not operate with the radio alarm.

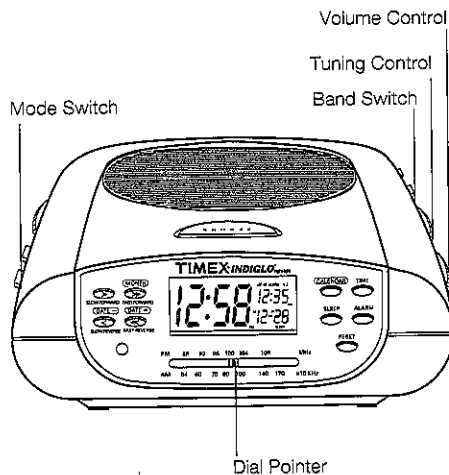
### To Select Alarm Time(s)

You can select Alarm 1, Alarm 2 or Alarm 1+2 by setting the Alarm switch to ALM 1 (Alarm 1), ALM 2 (Alarm 2) or ALM 1+2 (Alarm 1 and 2). The selected alarm is indicated by ALARM 1 or ALARM 2 above the alarm time. When Alarm 1+2 is selected, the alarm time and alarm indicator alternate.

## Operating the Radio

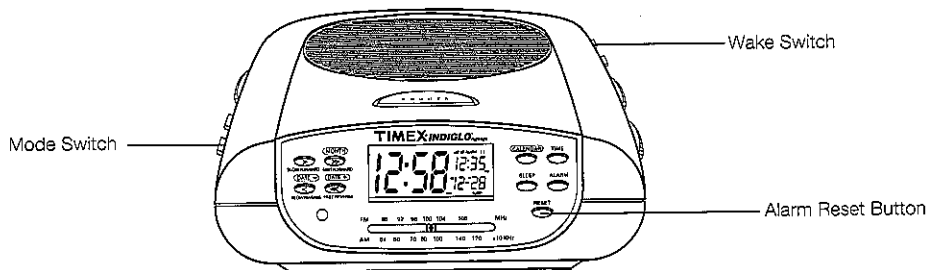
**Note:** Fully extend the FM wire antenna for best FM reception. Rotate the radio, as required, for best AM reception.


1. Mode switch - Set to ON. The Dial Pointer lights.
2. Band switch - Set to AM or FM as desired.
3. Tuning control - Rotate to select desired station on appropriate dial scale. Tune station for maximum clarity.
4. Volume control - Adjust for desired volume level.
5. To turn off the radio, set the Mode switch to OFF or ALARM.



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## Waking to Radio Alarm



1. Set alarm time as desired. (See Setting Alarm Time.)
2. Perform steps 1 through 4 of Operating the Radio.
3. Wake switch - Set to RADIO.
4. Mode switch - Set to ALARM. A music note (  ) will appear on the display indicating the radio alarm function is on. The radio is now set to come on automatically at the alarm time selected.

**Note:** The radio will play for approximately 1 hour and turn off automatically. This cycle repeats every 24 hours unless the controls are changed. To play the radio after the one-hour auto period, set the Mode switch to ON. Remember to reset the Mode switch to ALARM so the radio will come on automatically the next day.

5. Alarm Reset button - Press to turn off the radio. The radio will come on again the next day automatically at the same time.

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## Waking to Buzzer Alarm



1. Set alarm time as desired. (See Setting Alarm Time.)
2. Wake switch - Set to BUZZER.
3. Mode switch - Set to ALARM. A bell (🔔) will appear on the display indicating the buzzer alarm function is on. The buzzer alarm is now set to come on automatically at the alarm time selected.

**Note:** The buzzer alarm will sound for approximately 1

hour and then turn off automatically. This cycle repeats every 24 hours unless the controls are changed. To play the radio after the buzzer alarm sounds, set the Mode switch to ON. Remember to reset the Mode switch to BUZZER so the buzzer alarm comes on the next day.

4. To shut off the buzzer alarm, press the Alarm Reset switch. The buzzer will come on the next day at the same time.

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## Snooze Operation



1. Snooze button - Press after the radio or buzzer alarm sounds. The radio or buzzer alarm will go off and will come on again in approximately 9 minutes. You may repeat this cycle several times during the 1 hour alarm cycle.

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## Sleep Switch Operation

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1. Mode switch - Set to ALARM if you wish the alarm to sound the next morning. Set to OFF if you do not want the alarm to sound.
2. To play the radio for up to 120 minutes:  
Press the Sleep button. The display will indicate 120 minutes in the lower right corner and the SLEEP indicator appears. Release to play 120 minutes.

### To play less than 120 minutes:

Press and hold the Sleep button. The display will "countdown" from 120 in 10-minute increments. Release the Sleep button when the display indicates the time you wish the radio to play before shutting off automatically. The display will continuously indicate the sleep time remaining.

3. Press the Snooze button to turn off the radio before the sleep time has elapsed. The SLEEP indicator disappears.

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## Notes

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### Limited 90 Day Warranty

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SDI Technologies Inc., Timex Audio Products Division, warrants this product to be free from defects in workmanship and material under normal use and conditions for a period of 90 days from the date of original purchase.

Should service be required by reason of any defect or malfunction, it is best to first return this product and all parts thereof, to the store where it was originally purchased. If you need to send the product for service and it is during the first 90 days of the warranty period, SDI Technologies Inc. will repair, or at its discretion, replace this product with proof of purchase, without charge (except for a \$5.00 charge for handling, packing, return UPS/postage and insurance). After 90 days the cost of labor is the customer's responsibility. The fee for service after the warranty period or without proof of purchase is \$10.00.

Before returning this product for service, replace the batteries (if applicable) with fresh ones, because exhausted or defective batteries are the most common cause of problems encountered.

If service is still required:

1. Remove the batteries, (if applicable) and pack the unit in a well padded, heavy corrugated box.
2. Enclose a photocopy of your sales receipt, credit card statement, or other proof of the date of purchase, if within the warranty period.
3. Also enclose a check or money order payable to the order of SDI Technologies Inc., for the sum of \$5.00 (or \$10.00 after the warranty period).

4. Send the unit prepaid to the Factory Service Center listed below.

Consumer Repair Department  
SDI Technologies Inc.  
Timex Audio Products Division  
8889 Gateway West  
El Paso, Texas 79925

Please Note: This warranty is valid only in the United States of America. Any applicable implied warranties are also limited to 90 days, and SDI Technologies Inc. will not be liable for consequential damages. (Some states do not allow limitations on implied warranties or exclusions of consequential damages, so that these restrictions may not apply to you). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**For questions or comments regarding this or other products, please call our toll free number 1-800-888-4491.**

**TIMEX is a registered trademark of Timex Corporation in the U.S. and other countries.**

**INDIGLO is a registered trademark of Indiglo Corporation in the U.S. and other countries.**